

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

Group Art Unit: 2603

Inventor(s): Eduardo J. Moura, et al.

Examiner: Shick Horn

Appl. No.: 08 / 426,820
series code ↑ serial no.Any. Dkt: 7226 / 217637
M# / Client Ref.Filing Date: April 21, 1995Title: Asymmetric Hybrid Access System**POWER OF ATTORNEY FROM ASSIGNEE
AND REVOCATION OF PRIOR POWERS**Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

The undersigned being the assignee of record in the above-entitled patent application as shown by the chain of title from the original owner to the assignee as recorded on Reel Frame hereby revokes all previous powers and appoints the Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro, LLP, Ninth Floor, East Tower 1100 New York Avenue, N.W., Washington, D.C. 20005-3918 telephone number (202) 861-3000 (to whom all communications about this application are to be directed), and the below named persons (of the same address), individually and collectively, our attorneys to prosecute this patent application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent:

Paul N. Kokulla	18773	Kendrew H. Cotton	30368
Raymond F. Lippitt	17619	Chris Comuntzla	31097
G. Lloyd Knight	17898	Lawrence Harbin	27844 ✓
Carl G. Love	18781	Paul E. White, Jr.	32011
Edgar H. Martin	20534	Michelle N. Lester	32331
William K. West, Jr.	22067	Jeffrey A. Simenauer	31833
Kevin E. Joyce	20508	Robert A. Molan	29834
Edward M. Prince	22428	G. Paul Edgall	24238
David W. Brinkman	20817 ✓	Lynn E. Eccleston	35861
George M. Sirilla	18221	David A. Jakopin	32895
Donald J. Bird	25323	Mark G. Paulson	30783
W. Warren Taltavull	28847	John P. Moran	30808 ✓
Peter W. Gowdley	25872	Timothy J. Klima	34852
Dale S. Lazar	28872	James D. Berquist	34778
Glenn J. Perry	28458	Stephen C. Glazier, P.C.	31361

Assignee has reviewed the evidentiary document(s) for the aforesaid chain of title and hereby certifies that, to the best of assignee's knowledge and belief, title is in the undersigned assignee. Address all further correspondence to Lawrence Harbin, 1100 New York Avenue, N.W., Suite 900 East Tower, Washington, D.C. 20005-3918 whose telephone number is (202) 861-3718.

FAX RECEIVED

AUG 21 1996
GROUP 2600

Hybrid Networks, Inc.
Assignee
By: [Signature]
Name: Richard Fuller
Title: Vice President
Date: 7/15/96

408-725-245 HYBRID NETWORKS

074 P02

AUG 14 '96 08:21

CERTIFICATE UNDER 37 CFR 1.73(b)Applicant: Eduardo J. Moura et al.Application No.: 08/426,920Filed: April 21, 1995For: Asymmetric Hybrid Access System and MethodHybrid Networks, Inc.Corporation

(Name of Assignee)

(Type of Entity, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 7493, Frame 0486, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the applicant assignee as shown below:1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.☐ Additional documents in the chain of title are filed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, it is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: August 14, 1996Name: Richard FullerTitle: Vice PresidentSignature: [Signature]



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 29, 1995

PTAS

ROBERT P. SABATH
FENWICK & WEST
TWO PALO ALTO SQUARE, SUITE 600
PALO ALTO, CA 94306



100018914A

case 1572

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/21/1995

REEL/FRAME: 7493/0486
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MOURA, EDUARDO J. ✓

DOC DATE: 04/21/1995

ASSIGNOR:

GRONSKI, JAN MAKSYMILIAM ✓

DOC DATE: 04/21/1995

ASSIGNEE:

HYBRID NETWORKS, INC. ✓
10201 BUBB ROAD
CUPERTINO, CALIFORNIA 95014

SERIAL NUMBER: 08426920 ✓

PATENT NUMBER:

FILING DATE: 04/21/1995 ✓
ISSUE DATE:

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED

OCT 16 1995

FENWICK & WEST

To the Assistant Commissioner of Patents:

100018914

Documents or copy thereof:

<p>1. Name of conveying party(ies): Eduardo J. Moura and Jan Maksymiliam Gronski</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: Hybrid Networks, Inc Internal Address: Street Address: 10201 Bubb Road City: Cupertino State: CA ZIP: 95014</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: April 21, 1995</p>	

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: April 21, 1995.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Robert P. Sabath Internal Address: Fenwick & West Street Address: Two Palo Alto Square, Suite 600 City: Palo Alto State: CA ZIP: 94306</p>	<p>6. Total number of applications and patents involved: [1]</p> <p>7. Total fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 19-2555 (Attach duplicate copy of this page if paying by deposit account)</p>
--	---

CS14038 05/02/95 08426920

DO NOT USE THIS SPACE

19-2555 140 581

40.00CH

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert P. Sabath
Name of person signing


Signature

April 21, 1995
Date

Total number of pages including cover sheet, attachments, document: [2]

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner of Patents, Box Assignments
Washington, D.C. 20231

Case Docket No. 1572

08/426920

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, EDUARDO J. MOURA and JAN MAKSYMILIAM GRONSKI, do hereby sell, assign and transfer unto HYBRID NETWORKS, INC., a Delaware corporation whose address is 10201 Bubb Road, Cupertino, CA 95014 (called the Assignee herein), and its successors and assigns, the entire title, interest and right, including the right of priority, in, to and under an application for Letters Patent of the United States entitled "ASYMMETRIC HYBRID ACCESS SYSTEM AND METHOD" executed by us this day, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor or corresponding thereto;

And for the above consideration we agree promptly upon request of the Assignee, its heirs, successors or assigns, to communicate any facts known to us respecting said application and the invention set forth therein, and to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its heirs, successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication and re-examination of said Letters Patent, provided the expenses which may be incurred by us in lending such cooperation and assistance be paid by the Assignee.

IN WITNESS WHEREOF, we hereunto set our hand and seal this 21 day of April, 1995.

Eduardo J. Moura
EDUARDO J. MOURA

Jan M. Gronski
JAN MAKSYMILIAM GRONSKI

State of California

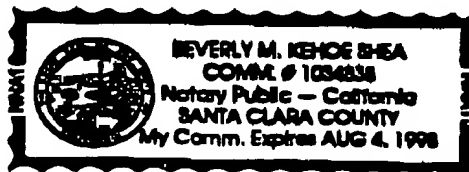
County of Santa Clara

On April 21, 1995 before me, Beverly M. Kehoe Shea personally appeared Eduardo J. Moura and Jan M. Gronski personally known to me or proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.

Beverly M. Kehoe Shea
Notary Public

Notary's Seal



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of
MOURA

Appln. No.: 08/426,920

Group Art Unit: 2603

Filed: April 21, 1995

Examiner: S. Horn

Title: REMOTE LINK ADAPTER FOR USE IN
TV BROADCAST DATA TRANSMISSION

* * * * *

August 20, 1996

FACSIMILE TRANSMITTAL OF POWER OF ATTORNEY
FROM ASSIGNEE AND REVOCATION OF PRIOR POWERS

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Enclosed please find Power of Attorney from Assignee
and Revocation of Prior Powers for the above referenced
application.

Respectfully submitted,

CUSHMAN DARBY & DARBY, L.L.P.

By 

Lawrence Harkin

Reg. No. 27,644

Tel: (202) 861-3716

Fax: (202) 822-0944

LH:er

1100 New York Avenue, N.W.
Ninth Floor
Washington, D.C. 20005-3918
(202) 861-3000

FAX RECEIVED

AUG 21 1996

GROUP 2600

FROM

CUSHMAN DARBY & CUSHMAN, L.L.P.

Attorneys at Law

Ninth Floor, 1100 New York Avenue, N.W.

Washington, D.C. 20005-3918

Telephone: (202) 861-3000

FAX RECEIVED

Our Facsimile #: (202) 822-0944 or 822-0678 or 822-0679

AUG 21 1996

FACSIMILE TRANSMISSION

GROUP 2600

TO: UNITED STATES PATENT AND TRADEMARK OFFICE

FACSIMILE #:	Gp 1100	(703) 305-3599	Gp 2400	(703) 305-3588
	Gp 1200	(703) 308-4556	Gp 2500	(703) 305-3594
(Encircle #)	Gp 1300	(703) 305-3601	<u>Gp 2600</u>	<u>(703) 305-9508</u>
(to be used)	Gp 1500	(703) 305-3596	Gp 3100	(703) 305-7687
	Gp 1800	(703) 305-3014	Gp 3200	(703) 305-3579
	Gp 2100	(703) 305-3431	Gp 3300	(703) 305-3590
	Gp 2200/2900	(703) 305-3603	Gp 3400	(703) 305-3463
	Gp 2300	(703) 305-9564	Gp 3500	(703) 305-3597

No. Pages (Including this page) 7 FAX Opr: E.RepshisIF YOU DO NOT RECEIVE CLEARLY ALL PAGES, PLEASE CONTACT US IMMEDIATELYBy Telephone AT: (202) 861-3716 (local)or (202) 861-3667 OR 861-3583 (local)

USPTO:

PLEASE ACKNOWLEDGE CLEAR RECEIPT OF ALL PAGES
INDICATED ABOVE BY FAXING THIS PAGE BACK TO
ONE OF OUR FACSIMILE NUMBERS STATED ABOVE

In re PATENT APPLICATION of
Inventor(s) MOURA et al.
Appln. No. 0 8 /426,920
series code ↑ ↑ serial no.
Filed: April 21, 1995

Group Art Unit: 2603Examiner: S. HornAtty. Dkt. 217537

M# / Client Ref.

TITLE: ASYMMETRIC HYBRID
ACCESS SYSTEM

Date: August 20, 1996

Name or type of signed paper being transmitted: FACSIMILE TRANSMITTAL
OF POWER OF ATTORNEY FROM ASSIGNEE AND REVOCATION OF PRIOR POWERS

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile
transmitted to the Patent and Trademark Office on the date shown
below.

Name Lawrence Harbin Sig.  Date August 20, 1996

7225 / 217537

C# / M#